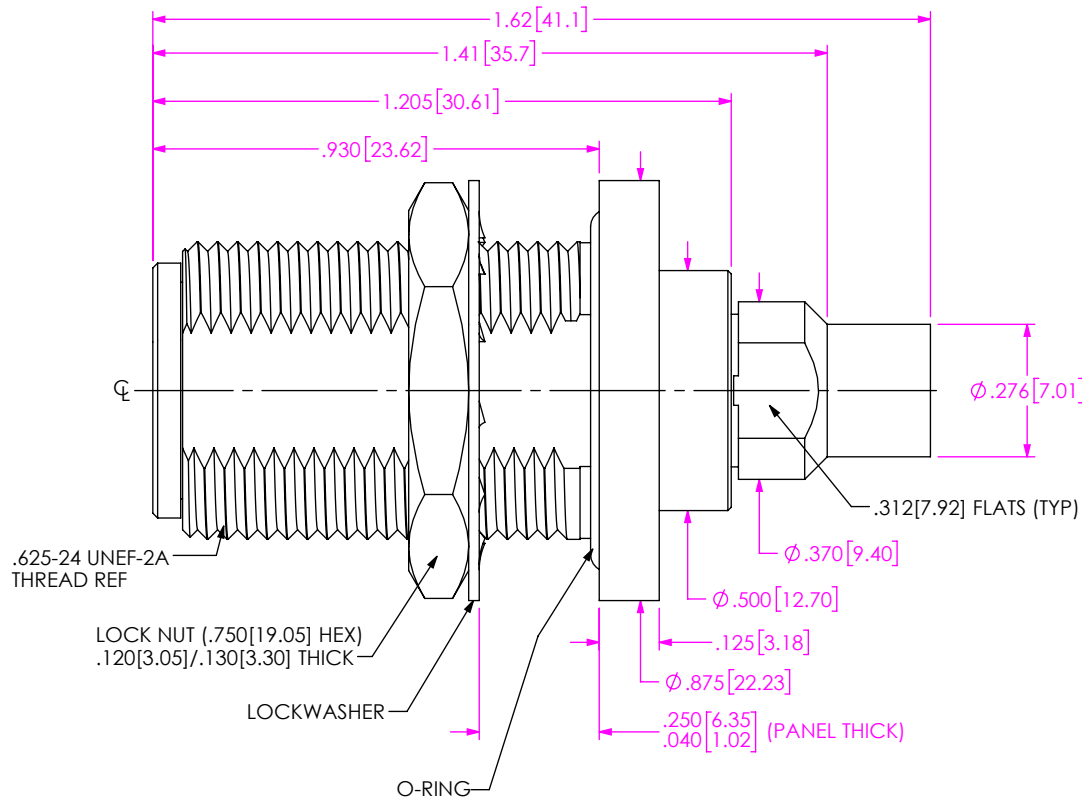


DO NOT
SCALE FROM
THIS PRINT



PRF06-J-C-EP-190-BS

SERIES
-06: NTPE

GENDER
-J: JACK

TYPE
-C: CABLE

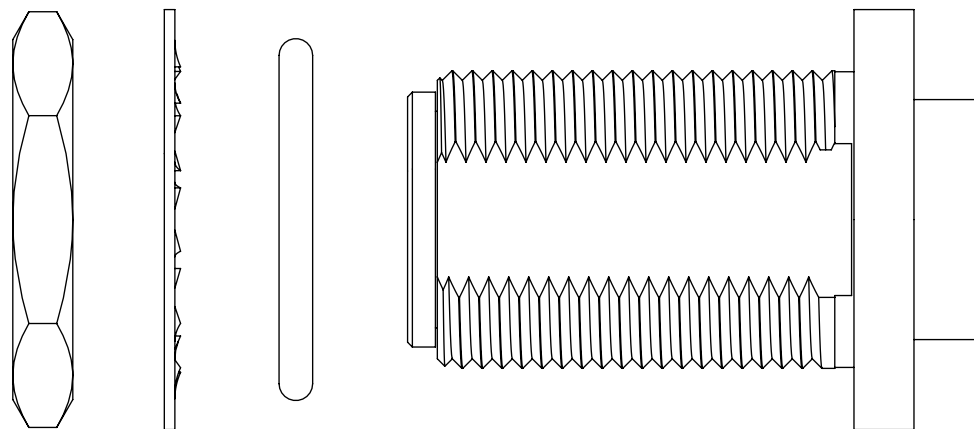
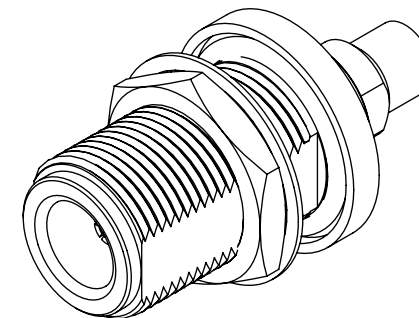
TERMINATION
S: SOLDER CLAMP

ORIENTATION
-B: BULK ANGLE

CABLE TYPE
-190: SEMFLEX HP190

FINISH
-EP: 50μ" EXTRA HEAVY GOLD
CENTER CONTACT, PASSIVATED
OUTER CONTACT

DESIGNED & DIMENSIONED
IN INCHES[MILLIMETERS]



EXPLODED VIEW
NOT TO SCALE
(FOR CLARITY ONLY)

F:\DWG\MISC\MKTG\PRF06-J-C-EP-190-BS-MKT.SLDDRW

NOTES:

1. MATERIAL:
BODY, BUSHING, LOCK WASHER, LOCK NUT, CLAMP NUT: STAINLESS STEEL
CONTACT: BERYLLIUM COPPER
SOLDER FERRULE: BRASS ALLOY
BEADS: PEI
O-RINGS: SILICONE RUBBER

2. FINISH:
BODY, BUSHING, LOCK WASHER, LOCK NUT, CLAMP NUT: PASSIVATED
CONTACT, SOLDER FERRULE: 50μ" MIN. GOLD OVER 50μ" MIN. NICKEL PLATE

3. PCI P/N: 3307

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.02 [0.5] 1°
.XXX: ±.005 [0.13]
.XXXX: ±.0005 [0.013]

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e-Mail: info@SAMTEC.com code 55322

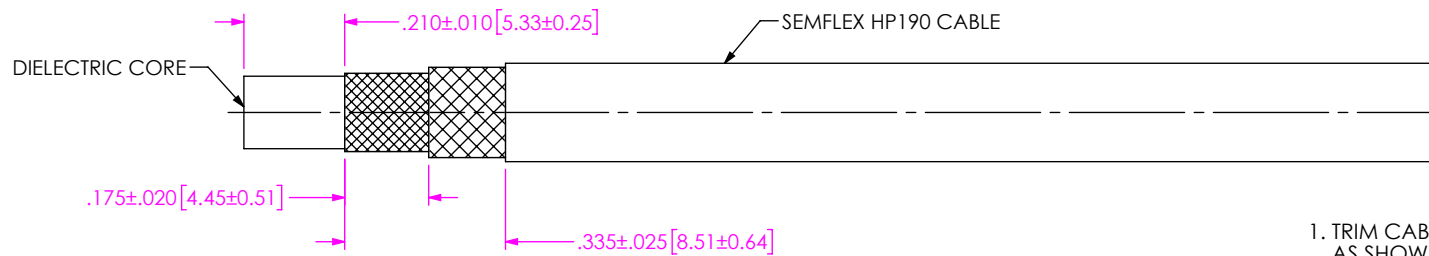
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SHEET SCALE: 2.5:1

DESCRIPTION: N BULKHEAD JACK, SOLDER CLAMP
FOR SEMFLEX HP190 CABLE

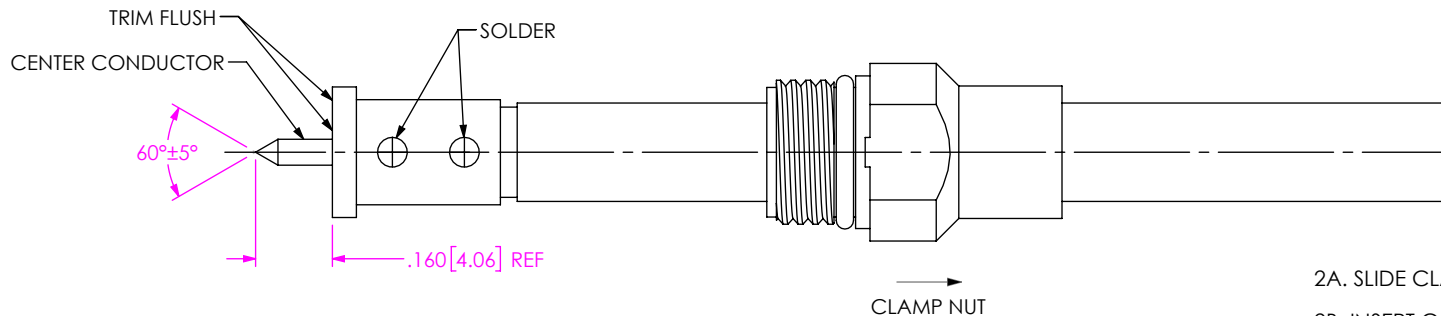
DWG. NO. PRF06-J-C-EP-190-BS

BY: CANDY W 05/13/2019 SHEET 1 OF 3



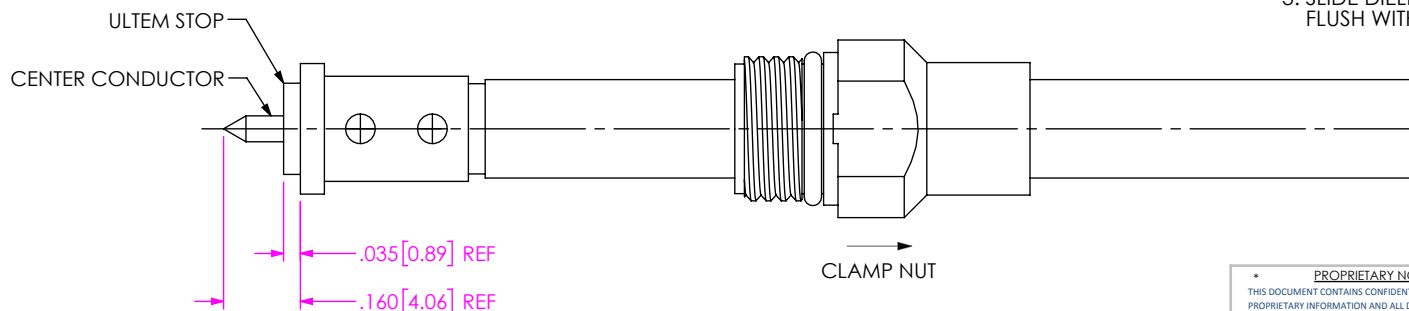
1. TRIM CABLE TO EXPOSE DIELECTRIC CORE AND OUTER BRAID AS SHOWN.

IN-PROCESS VIEW 1



- 2A. SLIDE CLAMP NUT OVER CABLE IN ORIENTATION AS SHOWN.
 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL BRAIDS SEATS AND SOLDER TO FERRULE WHERE SHOWN.
 2C. TRIM DIELECTRIC CORE FLUSH WITH FACE OF SOLDER FERRULE.
 2D. POINT CENTER CONDUCTOR AS SHOWN.

IN-PROCESS VIEW 2



3. SLIDE DIELECTRIC STOP ONTO CABLE CENTER CONDUCTOR FLUSH WITH SOLDER FERRULE FACE.

IN-PROCESS VIEW 3

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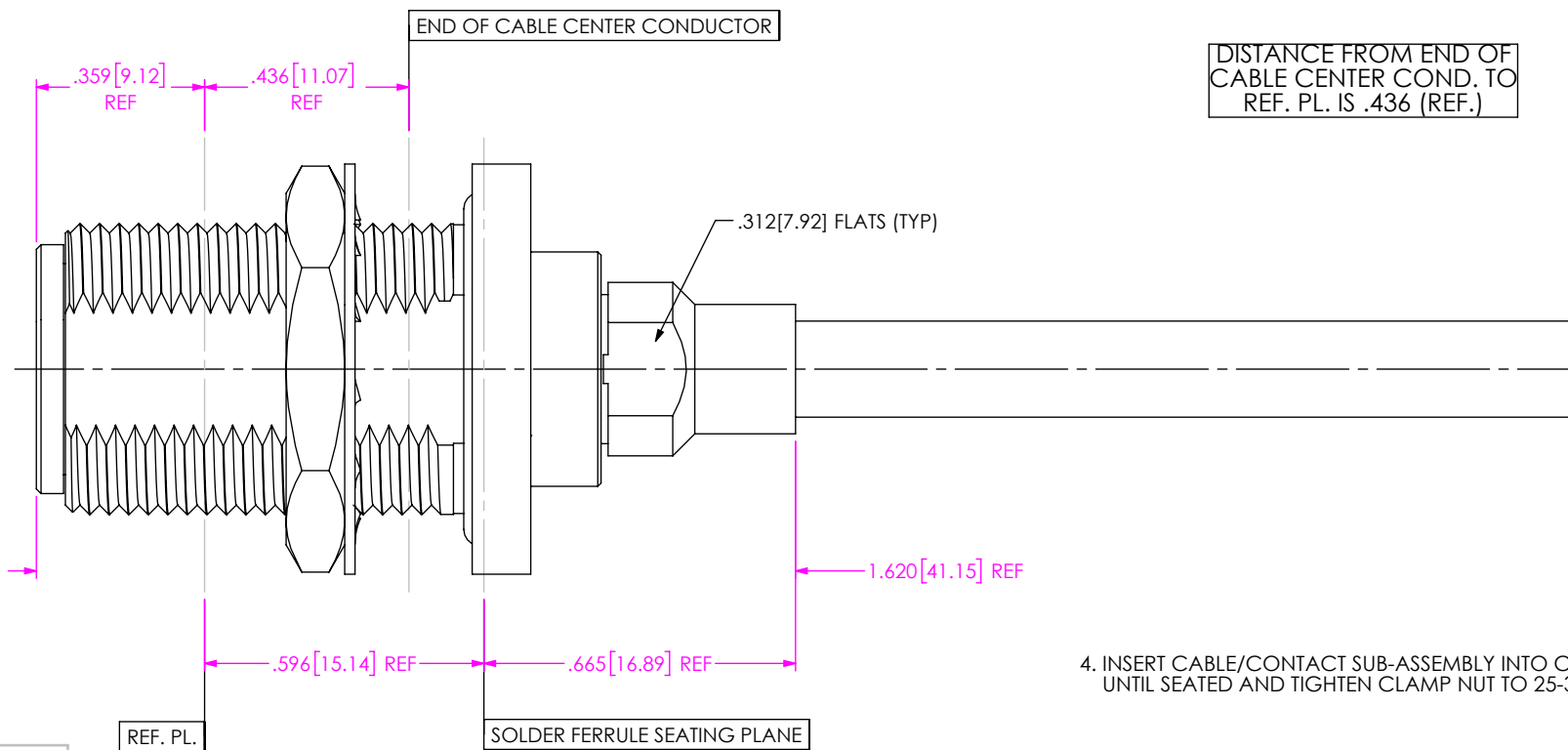
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 PHONE: 812-944-6733 FAX: 812-948-5047
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DESCRIPTION: N BULKHEAD JACK, SOLDER CLAMP FOR SEMFLEX HP190 CABLE

DWG. NO. PRF06-J-C-EP-190-BS

BY: CANDY W 05/13/2019 SHEET 2 OF 3



4. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN.-LBS.

IN-PROCESS VIEW 4

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SHEET SCALE: 2.5:1

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DESCRIPTION: N BULKHEAD JACK, SOLDER CLAMP FOR SEMFLEX HP190 CABLE

DWG. NO. PRF06-J-C-EP-190-BS

BY: CANDY W 05/13/2019 SHEET 3 OF 3